Smart budget solution for simple tasks

The Shuttle K450V PC system is a great choice for basic computing needs such as office applications and web surfing in the business or home segment. It is a small and stylish PC platform with low power consumption that seamlessly integrates into a network using its Ethernet or an optional WLAN interface. This affordable entry-level platform with preinstalled OpenSUSE Linux operating system targets SME, corporate, public and educational institutions. Easily set up an ideal second home PC to manage any simple everyday applications in a snap while banking on Shuttle's high reliability.

openSUSE

Shuttle K450V

Images for illustration purposes only.

Feature Highlight

K chassis	• Black chassis with aluminum cover • Dimensions: 28 x 19 x 17 cm (L/W/H) • Bays: 2x 3.5“ (internal)
OS	• OpenSUSE Linux
Chipset	• Intel 945GC + ICH7 • Integrated GMA950 graphics, VGA out
CPU	• Socket 775 • Core 2 Duo E6xxx / E4xxx, Pentium Dual-Core 2xxx and Celeron 4xx (max. 65W) • Up to 1333 MHz FSB, 65nm or 45nm
Slots	• 1x PCI 32 Bit
Memory	• Up to 2GB DDR2-533/667
Drive	• SATA II hard disk (80GB ~ 1000GB)
Other	• 5.1 HD audio • 4x USB 2.0 • Gigabit LAN • Optional WLAN adapter
Power supply	• 100 Watt Flex-ATX power supply
Application	• Business
Service	• 24 months Bring-In-Service

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Shuttle K450V Specifications

Range of application	Recommended for business use
Basis	System based on: the Shuttle K-Series Barebone K45
Operating system	OpenSUSE Linux, powered by Novell
Chassis	K-type aluminum chassis, color: black dimensions: 28 x 19 x 17 cm (LWH)
Processor	Socket 775 with Intel Celeron 430 processor (1.8GHz) or higher e.g. Celeron 4xx, Pentium Dual-Core E2xxx, Core 2 Duo E4xxx/E6xxx Supports up to 1333 MHz front side bus, 65/45nm technology and maximum 65W TDP (power consumption)
Cooling technology	Big 92mm chassis fan at the rear side and Intel-boxed processor cooler Temperature-controlled RPM fan speed (Smart fan technology)
Chipset	Intel® 945GC Express Chipset (MCH, Northbridge) + ICH7 (Southbridge)
Hard disk	3.5" Serial ATA 300 hard disk (from 80GB up to 1000GB)
Memory	One or two memory modules DDR2-533/667 (240 pins) Can be configured with 512MB or up to 2 GB total capacity.
Integrated Graphics	Intel Graphics Media Accelerator 950 (GMA950) with PCI-E x1 improved bandwidth, features 333MHz graphics core DX8/DX9 support and enhanced 3D performance Dynamic Video Memory Technology (DVMT) 3.0 Shared Memory max. 224MB Analog 15 pin Sub-D VGA video out connector
Audio	Audio Realtek® ALC 662 6-channel High-Definition Audio Three analog audio connectors (3.5mm) at the Back-Panel: 1) Front Line out (head phone) 2) Rear Surround line-out (shared with microphone input) 3) Center line-out (shared with Line in)
LAN controller	Gigabit Ethernet network controller (Marvell 8056) Supports 10/100/1000 MBit/s operation RJ45 back panel connector Supports Wake-on-LAN function and PXE (Preboot Execution Environment)

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Front panel buttons & LEDs	Power button Power indicator (LED) HDD indicator (LED)
Back panel connectors	D-sub VGA Video out 4x USB 2.0 RJ45 LAN connector PS/2 keyboard connector PS/2 mouse connector Serial COM port Parallel port Audio Front Line out (head phone) Auido Rear Surround line-out (shared with microphone input) Audio Center line-out (shared with Line in) Optional Wireless LAN module (PN20)
Slots	1x PCI (32 bit
Power supply	100 Watt Flex ATX power supply unit Input voltage range: 100~240V AC, 47~63 Hz Active PFC (Power Factor Correction) EMI Certified: FCC, CE, BSMI Safety Certified: UL, TÜV, CB Power plug region specific, 40 mm cooling fan sensor control
Further configuration options	It is possible to modify certain components of this system. Please refer to the "Shuttle Systems Configurator".
Warranty	24 Months Bring-In-Service

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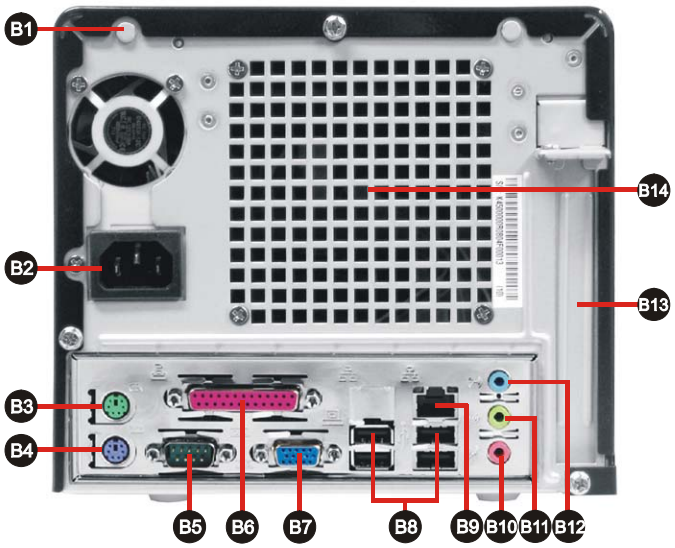
Connectors and Components

Front-Panel

F1 Power Switch
F2 Power LED
F3 HDD LED

Back-Panel

B1 Optional WLAN
B2 AC Power Socket
B3 PS/2 Mouse Port
B4 PS/2 Keyboard Port
B5 COM Port
B6 Parallel Port
B7 VGA Port
B8 USB Port
B9 LAN Port
B10 MIC-In Port
B11 Line-Out Port
B12 Line-In Port
B13 PCI Slot
B14 Rear Fan



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